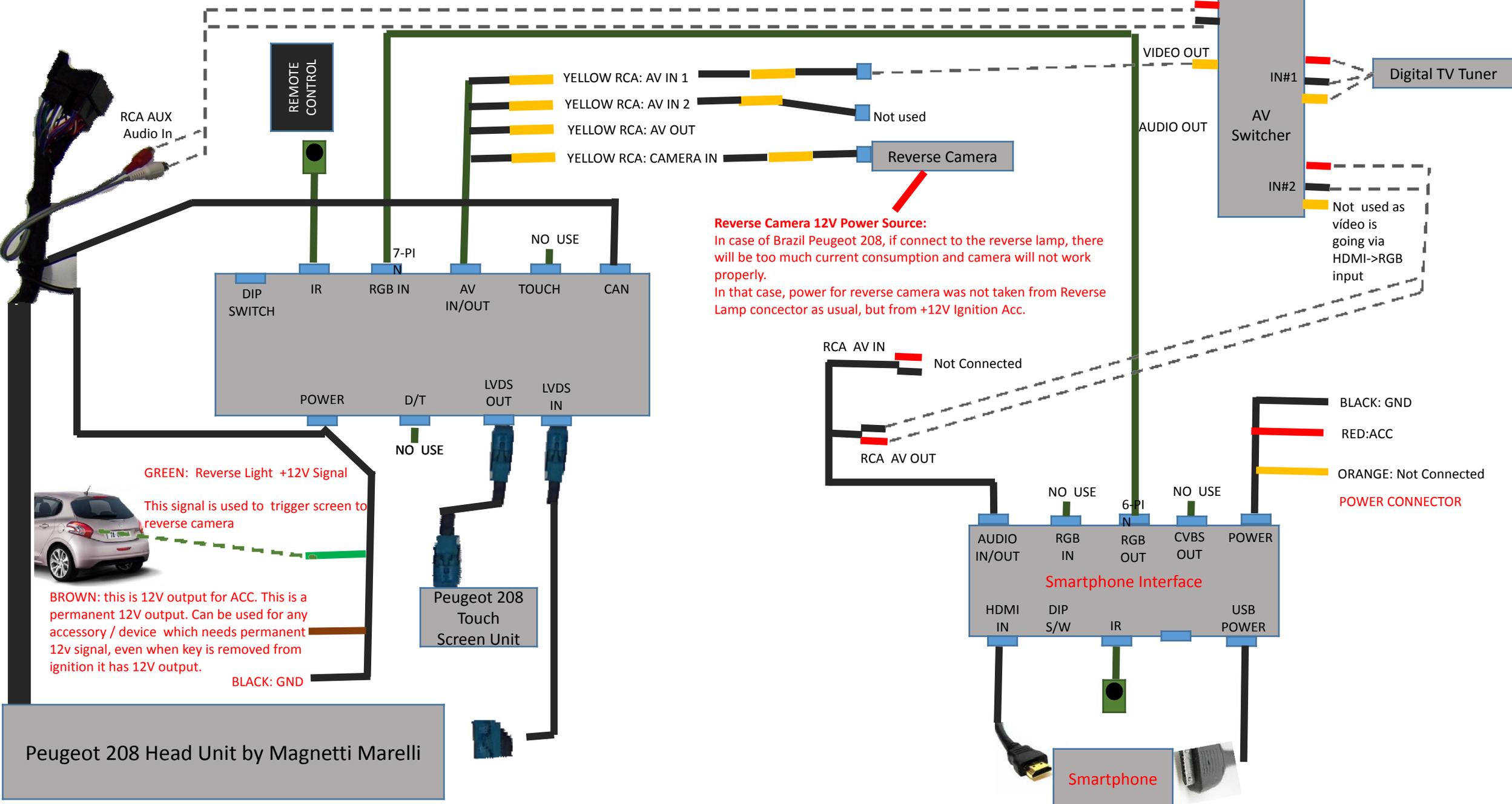


Final Installation

This was the final installation, where I could have audio and video for Digital TV and also HDMI/SMI converter. Using additional AV switcher, but just for Audio Switch between HDMI/SMI out and AV1

*Must install the acc manually from the quad-lock cable due to the version 1. had current consumption issue, but new model (2014.08.01) has been all solved.



RCA AUX Audio In

REMOTE CONTROL

- YELLOW RCA: AV IN 1
- YELLOW RCA: AV IN 2
- YELLOW RCA: AV OUT
- YELLOW RCA: CAMERA IN

Reverse Camera

VIDEO OUT
AUDIO OUT

IN#1
IN#2
Digital TV Tuner
AV Switcher
Not used as video is going via HDMI->RGB input

Reverse Camera 12V Power Source:
 In case of Brazil Peugeot 208, if connect to the reverse lamp, there will be too much current consumption and camera will not work properly.
 In that case, power for reverse camera was not taken from Reverse Lamp connector as usual, but from +12V Ignition Acc.

RCA AV IN Not Connected
 RCA AV OUT

- BLACK: GND
 - RED: ACC
 - ORANGE: Not Connected
- POWER CONNECTOR

GREEN: Reverse Light +12V Signal
 This signal is used to trigger screen to reverse camera

BROWN: this is 12V output for ACC. This is a permanent 12v output. Can be used for any accessory / device which needs permanent 12v signal, even when key is removed from ignition it has 12v output.
 BLACK: GND

Peugeot 208 Touch Screen Unit

Peugeot 208 Head Unit by Magnetti Marelli

Smartphone Interface

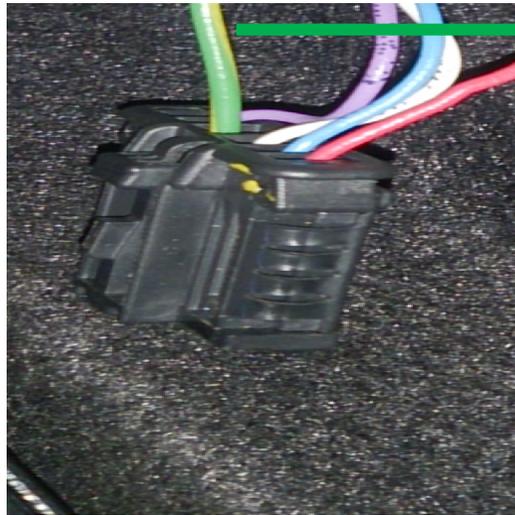
AUDIO IN/OUT
RGB IN
RGB OUT
CVBS OUT
POWER
HDMI IN
DIP S/W
IR
USB POWER

Smartphone

Reverse Camera Details

- Reverse Light / Tail Light connector

Red wire is +12V for reverse lamp, necessary to be used for reverse camera trigger. Connect to the video interface green wire.



Green/Yellow wire is ground connection

Observation from Brazil experience: 12V Power Source for Reverse Camera:

In case of Brazilian Peugeot 208, if connect reverse camera to draw power directly from the reverse lamp connector, there will be too much current consumption and camera will not work properly. It seems to be a limitation in current capacity for the reverse lamp tail light. In that case camera shut down and power up in fast cycle and creates video noise. To fix that:

- Use reverse lamp connector just for the video interface , to properly trigger screen switch for reverse camera, as current is drawn is very small.
- Power for reverse camera was taken directly from Ignition +12V ACC, so camera is always on after key is in ignition. As an alternative could use an electronic relay to be triggered by reverse lamp and try to confirm if that would work. As I didn't have a relay, I did connection directly to Ignition +12V Acc

AUX CABLE (CAR ORIGINAL AUX)

NAVITECH VIDEO INTERFACE

**UNIVERSAL GPS BOX
RGB / TOUCH**



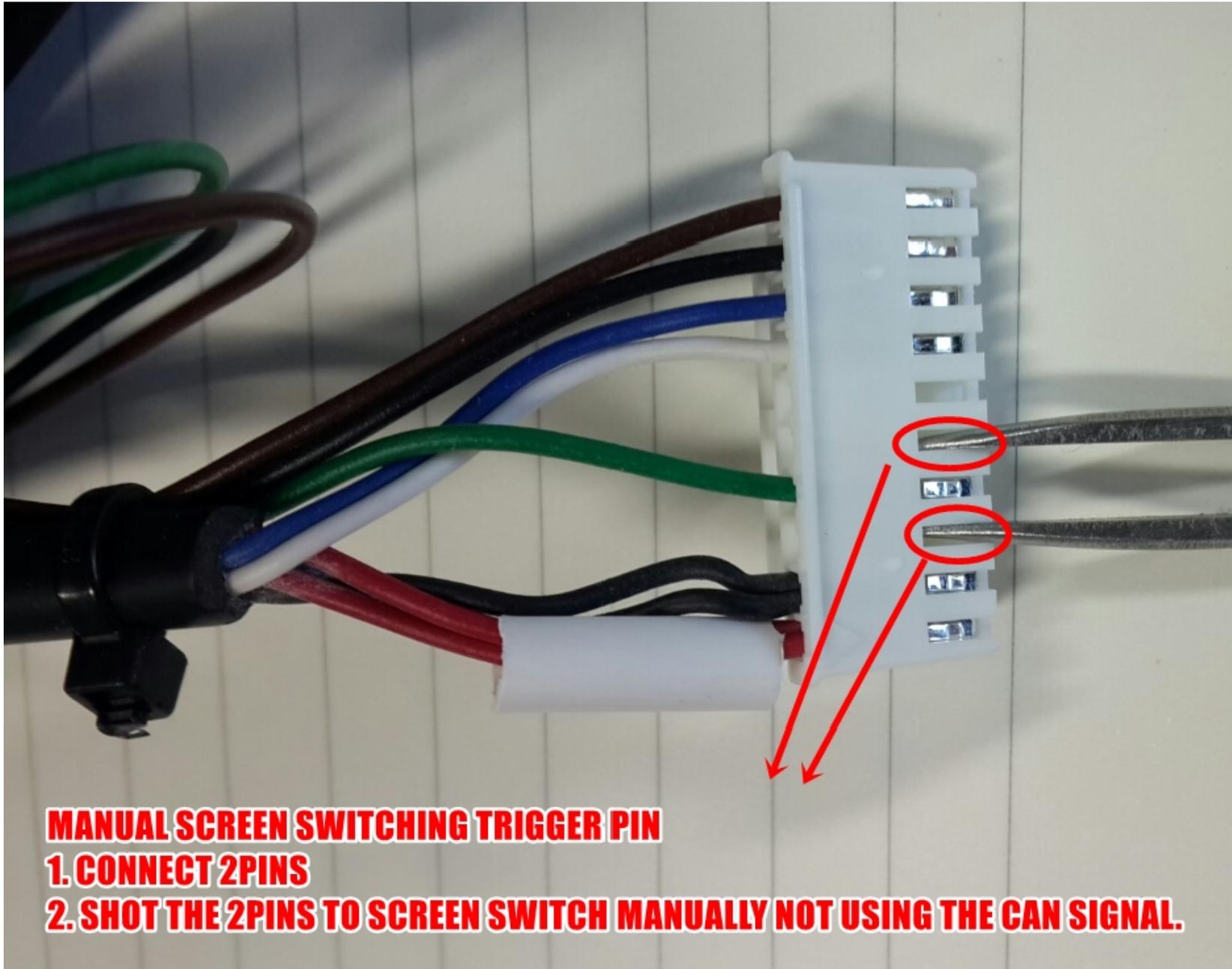
**PEUGEOT NEW 208
ORIGINAL MONITOR**



**GREEN : REVERSE SIGNAL
BROWN : ACC 12V
BLACK : GND**

✘ NEVER CONTACT ACC & GND WIRES ✘





MANUAL SCREEN SWITCHING TRIGGER PIN

1. CONNECT 2PINS

2. SHOT THE 2PINS TO SCREEN SWITCH MANUALLY NOT USING THE CAN SIGNAL.

for the audio part you need to connect the media player audio output cables into AUX input for SMEG(Head Unit).

In that case, the QUAD LOCK cable (24pin Square connector) provided by Navitech has a pair of RCA cable , red and white, that is the AUX IN that you can use to make installation easier.

Then you need to change SOURCE of SMEG to AUX mode. If your SMEG is not showing AUX IN , you need to go to setup menu and enable AUX source.

If you need more than 1 video source, for example Media Player and also iPod , for audio and video, you should use additional and external audio switcher, so you can choose between Media Player Audio or iPod Audio and select which of them to send to AUX IN.

Thank you.